

Substitute SEQUENCE LISTING

O I P E
FEB 02 2000
PATENT & TRADEMARK OFFICE
JC37

110290

<110> Kwon, Byoung

<120> NEW RECEPTOR AND RELATED PRODUCTS AND
METHODS

<130> 740.013US2

<140> 08/955,572

<141> 1997-10-22

<150> 08/461,652

<151> 1995-06-05

<150> 08/122,796

<151> 1993-09-03

<160> 12

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 838

<212> DNA

<213> Homo sapiens

<400> 1

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tttgtatcac	tgcccagctg	gtacattctg	tgataataac	aggaatcaga	tttgcagtcc	180
ctgtcctcca	aatagttct	ccagcgcagg	tggacaaagg	acctgtgaca	tatgcaggca	240
gtgtaaaggt	gttttcagga	ccaggaagga	gtgttcctcc	accagcaatg	cagagtgtga	300
ctgcactcca	gggtttcaact	gcctggggc	aggatgcagc	atgtgtgaac	aggattgtaa	360
acaaggtaaa	gaactgacaa	aaaaagggtt	taaagactgt	tgctttggga	catttaacga	420
tcagaaacgt	ggcatctgtc	gaccctggac	aaactgttct	ttggatggaa	agtctgtgct	480
tgtgaatggg	acgaaggaga	gggacgttgtt	ctgtggacca	tctccagctg	acctctctcc	540
gggagcatcc	tctgtgaccc	cgcctgcccc	tgcgagagag	ccaggacact	ctccgcagat	600
catctccttc	tttcttgcc	tgacgtcgac	tgcgttgctc	ttcctgctgt	tcttcctcac	660
gctccgtttc	tctgttgta	aacggggcag	aaagaaaactc	ctgtatatat	tcaaacaacc	720
atttatgaga	ccagtacaaa	ctactcaaga	ggaagatggc	tgtagctgcc	gattccaga	780
agaagaagaa	ggaggatgt	aactgtaaaa	tggaagtcaa	tagggctgtt	gggacttt	838

<210> 2

<211> 255

<212> PRT

<213> Homo sapiens

<400> 2

Met	Gly	Asn	Ser	Cys	Tyr	Asn	Ile	Val	Ala	Thr	Leu	Leu	Leu	Val	Leu
1							5			10				15	

Asn	Phe	Glu	Arg	Thr	Arg	Ser	Leu	Gln	Asp	Pro	Cys	Ser	Asn	Cys	Pro
							20		25				30		

Ala	Gly	Thr	Phe	Cys	Asp	Asn	Asn	Arg	Asn	Gln	Ile	Cys	Ser	Pro	Cys
							35		40			45			

Pro	Pro	Asn	Ser	Phe	Ser	Ser	Ala	Gly	Gly	Gln	Arg	Thr	Cys	Asp	Ile
							50		55		60				

Cys	Arg	Gln	Cys	Lys	Gly	Val	Phe	Arg	Thr	Arg	Lys	Glu	Cys	Ser	Ser
						65		70		75		80			

Thr	Ser	Asn	Ala	Glu	Cys	Asp	Cys	Thr	Pro	Gly	Phe	His	Cys	Leu	Gly
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

85	90	95
Ala Gly Cys Ser Met Cys Glu Gln Asp Cys Lys Gln Gly Gln Glu Leu		
100	105	110
Thr Lys Lys Gly Cys Lys Asp Cys Cys Phe Gly Thr Phe Asn Asp Gln		
115	120	125
Lys Arg Gly Ile Cys Arg Pro Trp Thr Asn Cys Ser Leu Asp Gly Lys		
130	135	140
Ser Val Leu Val Asn Gly Thr Lys Glu Arg Asp Val Val Cys Gly Pro		
145	150	155
Ser Pro Ala Asp Leu Ser Pro Gly Ala Ser Ser Val Thr Pro Pro Ala		
165	170	175
Pro Ala Arg Glu Pro Gly His Ser Pro Gln Ile Ile Ser Phe Phe Leu		
180	185	190
Ala Leu Thr Ser Thr Ala Leu Leu Phe Leu Leu Phe Phe Leu Thr Leu		
195	200	205
Arg Phe Ser Val Val Lys Arg Gly Arg Lys Lys Leu Leu Tyr Ile Phe		
210	215	220
Lys Gln Pro Phe Met Arg Pro Val Gln Thr Thr Gln Glu Glu Asp Gly		
225	230	235
Cys Ser Cys Arg Phe Pro Glu Glu Glu Gly Gly Cys Glu Leu		
245	250	255

<210> 3
 <211> 20
 <212> DNA
 <213> Homo sapiens

<400> 3
 ttytgymgaa artayaaycc 20

H5
 <210> 4
 <211> 20
 <212> DNA
 <213> Homo sapiens

<400> 4
 ttytcststsca htggggaca 20

<210> 5
 <211> 20
 <212> DNA
 <213> Homo sapiens

<400> 5
 cccargswrc aggtttrca 20

<210> 6
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 <212> DNA
 <213> Homo sapiens

<400> 6
 ttytgrtcrt traatgttcc 20

<210> 7
 <211> 25
 <212> DNA
 <213> Homo sapiens

<400> 7
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<210> 8  
<211> 30  
<212> DNA  
<213> Homo sapiens
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<400> 8
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30

<210> 9
<211> 2350
<212> DNA
<213> *Mus musculus*

<220>
<221> unsure
<222> (1253)...(1255)
<223> (a or g or c or t/u)

<400> 9

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tgtctgtgc	atgtgacatt	tcgccatggg	aaacaactgt	tacaacgtgg	tggtcattgt	1800
gctgctgcta	gtgggctgtg	agaagggtgg	agccgtgcag	aactcctgtg	ataactgtca	2400
gcctggta	ttctgcagaa	aatacaatcc	agtctgcaag	agctgccctc	caagtacctt	3000
ctccagcata	ggtgacagc	cgaactgtaa	catctgcaga	gtgtgtcag	gctatttcag	3600
gttcaagaag	tttgctcct	ctacccacaa	cgcggagtgt	gagtgcattg	aaggattcca	4200
ttgcttgggg	ccacagtgc	ccagatgtga	aaaggactgc	aggcctggcc	aggagctaac	4800
gaagcagggt	tgcaaaaacct	gtagcttggg	aacatttaat	gaccagaacg	gtactggcgt	5400
ctgtcgaccc	tggacgaact	gctctctaga	cggaagggtct	gtgcttaaga	ccgggaccac	6000
ggagaaggac	gtgggtgtg	gaccccctgt	ggtgagctt	tctccagta	ccaccatttc	6600
tgtactcca	gagggaggac	caggagggca	ctccttgca	gtccttacct	tgttcttggc	7200
gctgacatcg	gcttgc	tggccctgtat	cttcattact	ctcctgttct	ctgtgctcaa	7800
atggatcagg	aaaaaaattcc	cccacatatt	caagcaacca	ttaagaaga	ccactggagc	8400
agctcaagag	gaagatgctt	gtagctggcg	atgtccacag	gaagaagaag	gaggaggagg	9000
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ggacccacc	atccgtgga	acagcacaag	caaccccacc	accctgttct	tacacatcat	10200
cctagatgat	gtgtggcgc	gcacccatc	caagtctt	ctaacgctaa	catatttgc	10800
tttaccttt	ttaaatctt	tttaaaattt	aaattttatg	tgtgtgagtg	ttttgcctgc	11400
ctgtatgcac	acgtgtgt	gtgtgtgtgt	gtgacactcc	tgtgcctga	ggaggtcaga	12000
agacaaagg	ttgggtccat	aagaactgga	gttatggat	gctgtgagcc	gnnnngatag	12600
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atctcacaag	tttcgtccgg	gctcgccgga	cctatggct	cgatccttat	taccttatacc	19800
tggcgccaag	ataaaaacaac	caaaagcctt	gactccggta	ctaattctcc	ctgcccggccc	20400
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tagtctatgg	cagcatcaag	gctggatttt	gctacggctg	accgctacgc	cgccgcaata	22200
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atagttagac						23500

<210> 10

<211> 256
<212> PRT
<213> Mus musculus

<400> 10
Met Gly Asn Asn Cys Tyr Asn Val Val Val Val Ile Val Leu Leu Leu Val
1 5 10 15
Gly Cys Glu Lys Val Gly Ala Val Gln Asn Ser Cys Asp Asn Cys Gln
20 25 30
Pro Gly Thr Phe Cys Arg Lys Tyr Asn Pro Val Cys Lys Ser Cys Pro
35 40 45
Pro Ser Thr Phe Ser Ser Ile Gly Gly Gln Pro Asn Cys Asn Ile Cys
50 55 60
Arg Val Cys Ala Gly Tyr Phe Arg Phe Lys Lys Phe Cys Ser Ser Thr
65 70 75 80
His Asn Ala Glu Cys Glu Cys Ile Glu Gly Phe His Cys Leu Gly Pro
85 90 95
Gln Cys Thr Arg Cys Glu Lys Asp Cys Arg Pro Gly Gln Glu Leu Thr
100 105 110
Lys Gln Gly Cys Lys Thr Cys Ser Leu Gly Thr Phe Asn Asp Gln Asn
115 120 125
Gly Thr Gly Val Cys Arg Pro Trp Thr Asn Cys Ser Leu Asp Gly Arg
130 135 140
Ser Val Leu Lys Thr Gly Thr Glu Lys Asp Val Val Cys Gly Pro
145 150 155 160
Pro Val Val Ser Phe Ser Pro Ser Thr Thr Ile Ser Val Thr Pro Glu
165 170 175
Gly Gly Pro Gly His Ser Leu Gln Val Leu Thr Leu Phe Leu Ala
180 185 190
Leu Thr Ser Ala Leu Leu Ala Leu Ile Phe Ile Thr Leu Leu Phe
195 200 205
Ser Val Leu Lys Trp Ile Arg Lys Lys Phe Pro His Ile Phe Lys Gln
210 215 220
Pro Phe Lys Lys Thr Thr Gly Ala Ala Gln Glu Glu Asp Ala Cys Ser
225 230 235 240
Cys Arg Cys Pro Gln Glu Glu Gly Gly Gly Gly Tyr Glu Leu
245 250 255

15
<210> 11
<211> 24
<212> PRT
<213> Homo sapiens

<220>
<221> ZN_FING
<222> 2...3, 5...13, 15...17, 19...21, 23
<223> Putative zinc finger structure

<400> 11
Cys Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa
1 5 10 15
Xaa His Xaa Xaa Xaa Cys Xaa Cys
20

<210> 12
<211> 12
<212> PRT
<213> Homo sapiens

<400> 12

Leu Gln Asp Pro Cys Ser Asn Cys Pro Ala Gly Thr

1

5

10

33

4